

What is claimed is:

1. A blower comprising a bearing disposed at the center of a casing of a approximately cylindrical shape, a shaft supported by the bearing, a motor yoke which is mounted on the shaft and has an impeller at an outer periphery thereof and a permanent magnet at an inner periphery thereof, a stator core having a stator wire wound around and be disposed inside of the permanent magnet, and a circuit board mounting an electronic circuit for supplying a predetermined amount of electric current to the stator wire and closely disposed to the stator wire and the stator core, wherein a partition plate is interposed between said stator core having said stator wire and said circuit board.

2. A blower comprising a bearing disposed at the center of a casing of a approximately cylindrical shape, a shaft supported by the bearing, a motor yoke which is mounted on the shaft and has an impeller at an outer periphery thereof and a permanent magnet at an inner periphery thereof, a stator core having a stator wire wound around and be disposed inside of the permanent magnet, and a circuit board mounting an electronic circuit for supplying a predetermined amount of electric current to the stator wire and closely disposed to the stator wire and the stator core, wherein a case portion is closely disposed to said stator wire and said stator core, and said circuit board is housed within said case portion.

3. The blower according to claim 2, wherein said case portion comprises a motor base integrally formed with a casing, and a lid member integrally formed with a bearing support member and connected to said motor base in such a manner as to cover said motor base, and at least said lid member is formed of excellent thermal conductive material.

4. The blower according to claim 2 or 3, wherein said case portion is provided with cooling fins disposed at the outer peripheral wall thereof.